ECR-400

E Model

UK Model

UNI-ELECTRET CONDENSER HEADPHONES

SPECIFICATIONS

HEADPHONES

Type:	Diaphragm . . . Unit-electret, scalene-pentagon
	Capsule . . . . . Push-pull system, condenser type
Frequency Response:	20Hz – 20,000Hz
Sensitivity:	91dB SPL (at 1V, 300Hz input)
Maximum Sound Pressure:	114dB SPL
Connecting Cord:	Approx. 2.4m (7 ft. 10 in.) long with the 4-pin plug
Weight:	Approx. 380g (13 oz) without connecting cord

ADAPTOR

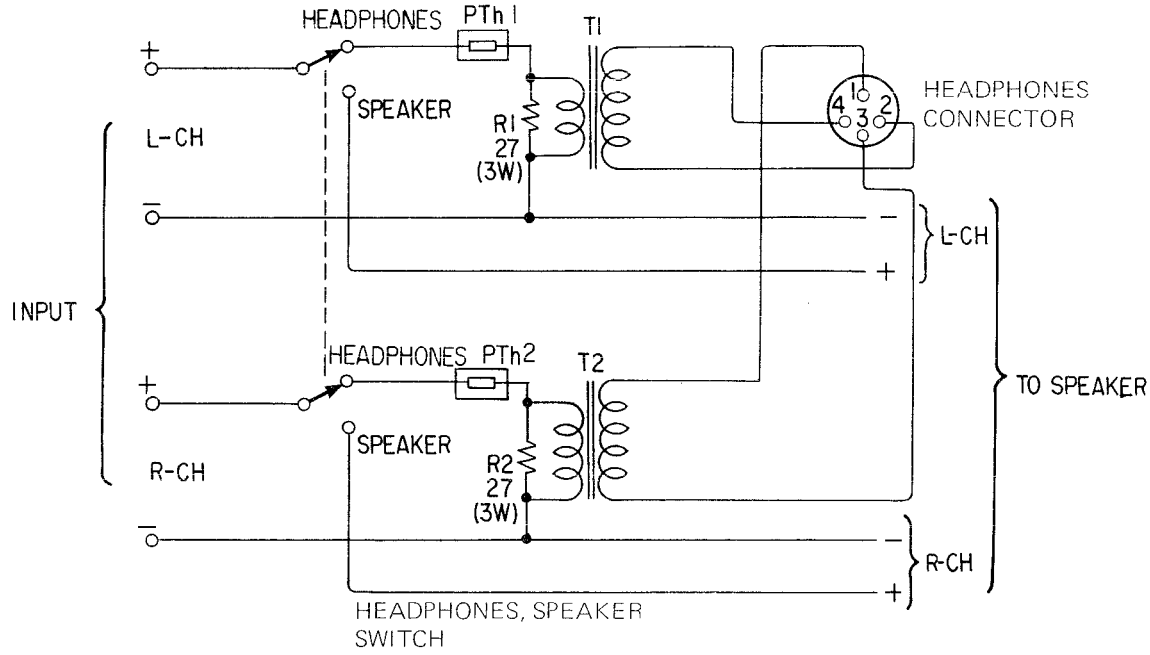
Input Impedance:	30 ohms at 1kHz
Maximum Input:	12V, 1kHz
Harmonic Distortion:	Less than 0.04% (at 4V, 1kHz input)
Connecting Cord:	Approx. 2m (6 ft. 6 in.)
Dimensions:	Approx. 50 (w) x 100 (h) x 155 (d) mm (2 x 3⅞ x 6⅛ inches)
Weight:	Approx. 950g (2 lb 1 oz)

SONY®

SERVICE MANUAL

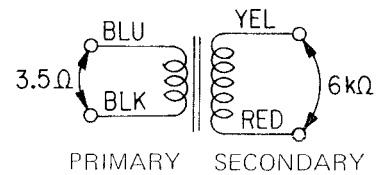
1. DIAGRAMS

1-1. Schematic Diagram

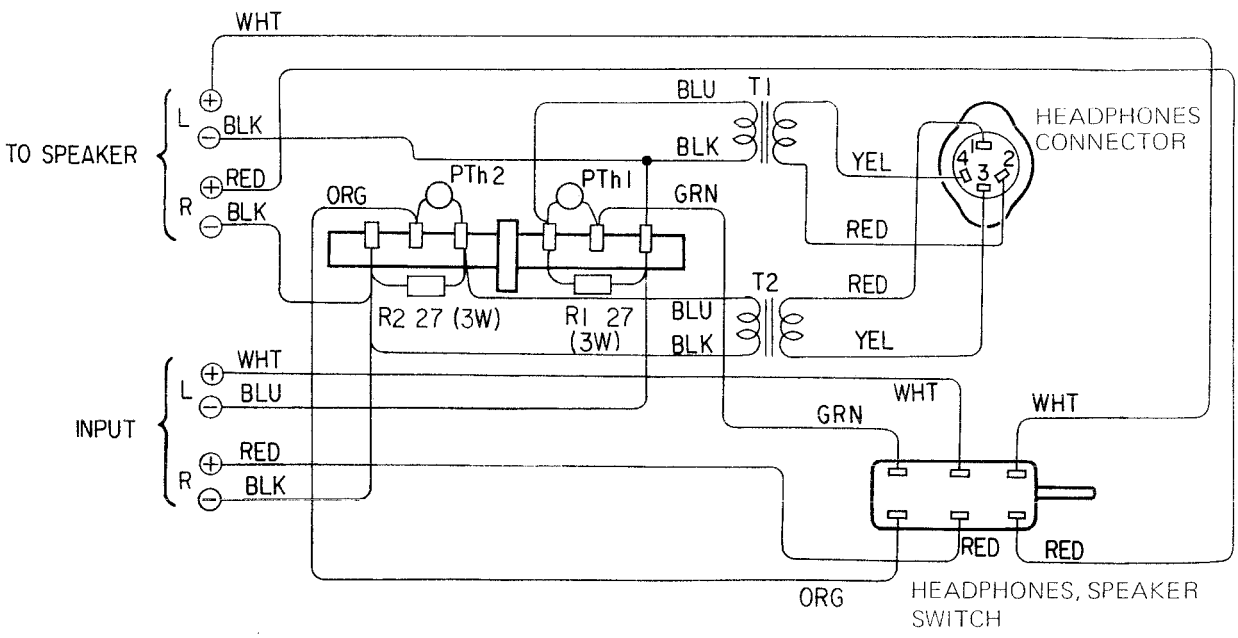


Note: All resistors are in Ω.

DC RESISTANCE



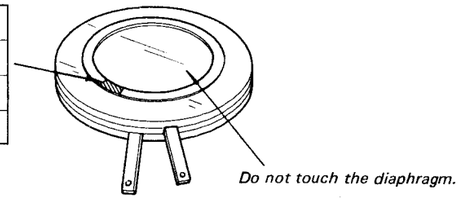
1-2. Wiring Diagram



2. CAPSULE REPLACEMENT

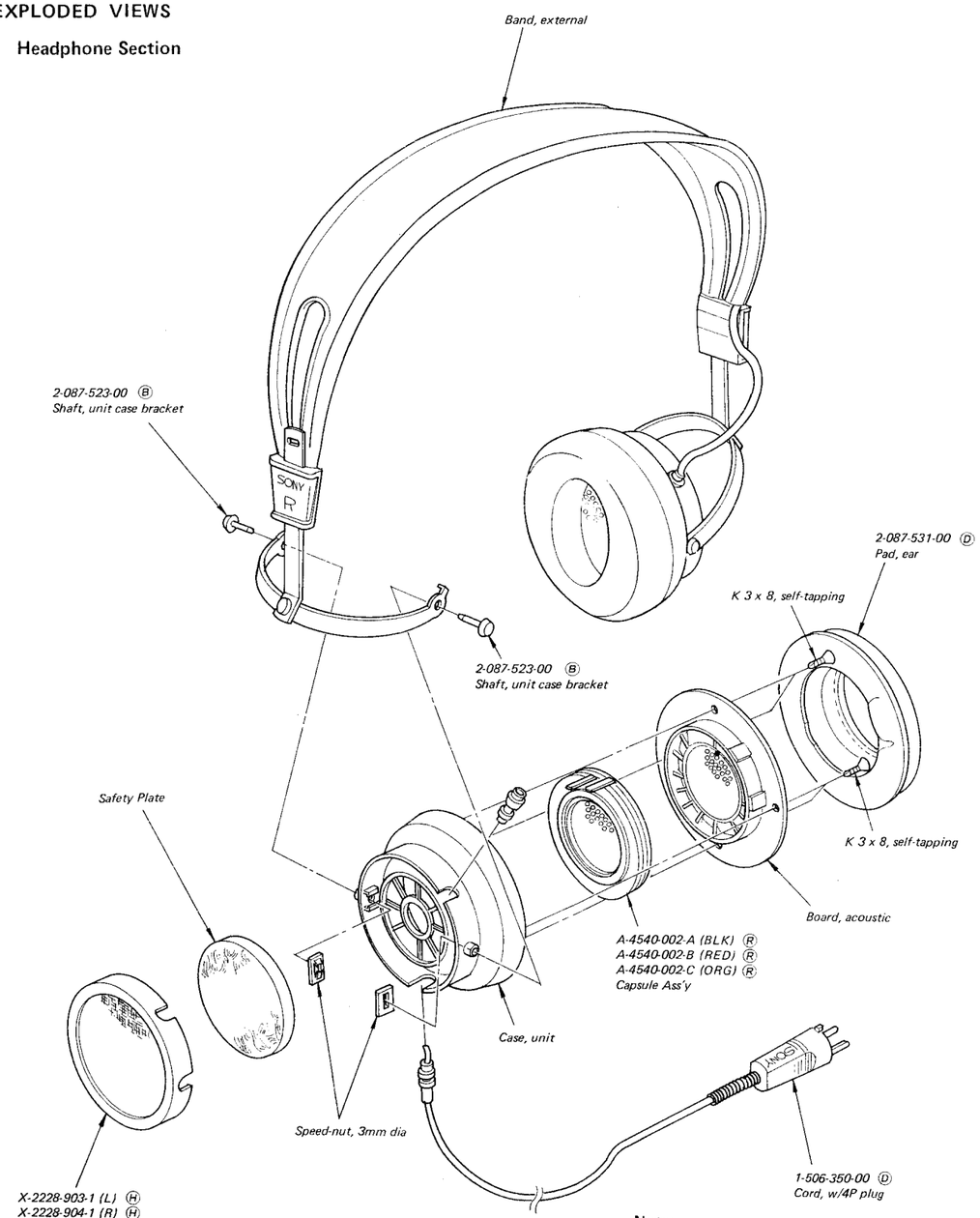
Replace the capsule with same colour indication as former one.

Colour Indication	Part Number
BLK	A-4540-002-A
RED	A-4540-002-B
ORG	A-4540-002-C



3. EXPLODED VIEWS

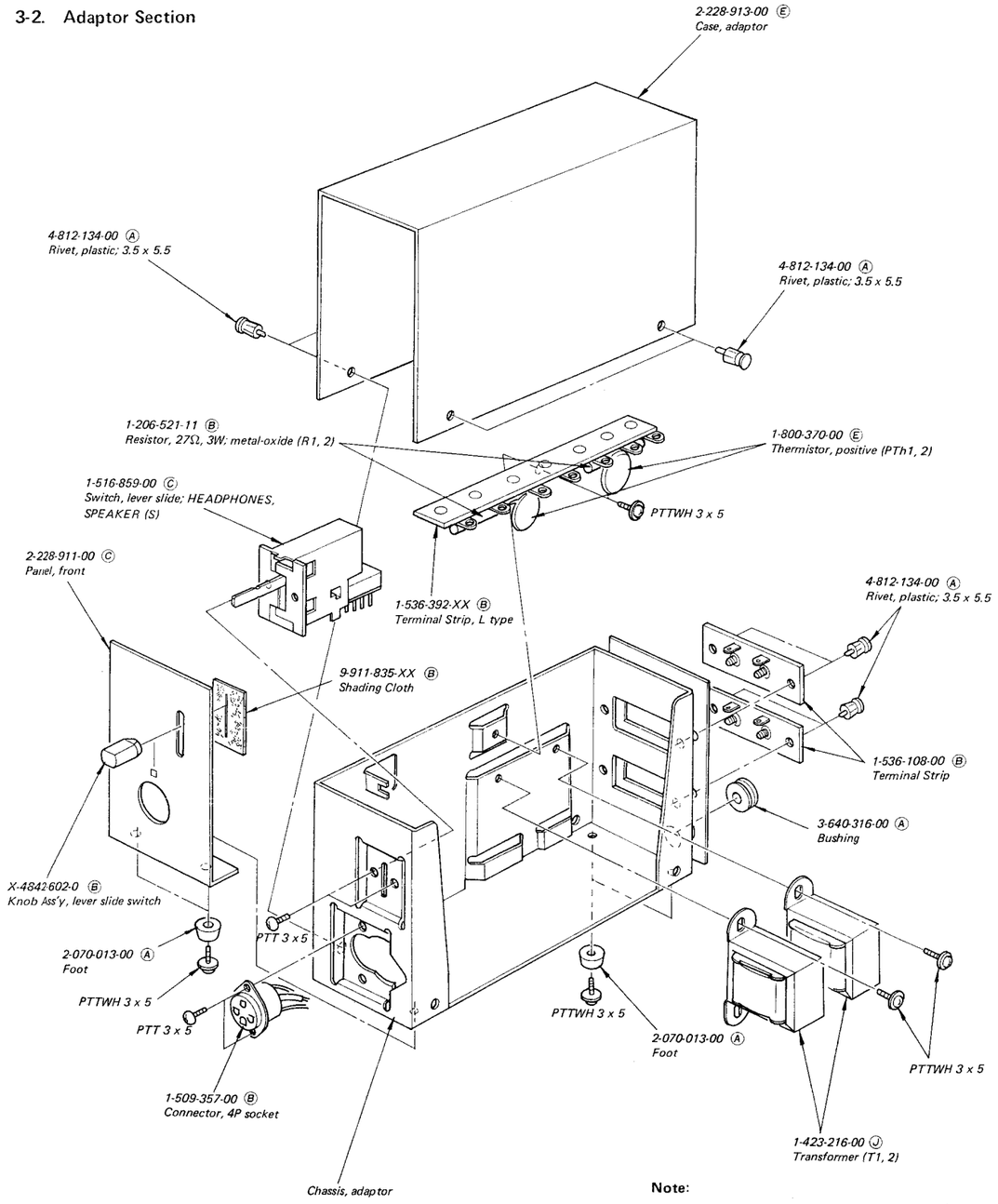
3-1. Headphone Section



Note:

- Items with no part number and/or no description are not stocked because they are seldom required for routine service.
- All screws are Phillips (cross recess) type unless otherwise noted.
  (–) = slotted head
- Mark of Ⓐ to Ⓩ : for Europe.

3-2. Adaptor Section



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- Mark of Ⓐ to Ⓩ : for Europe.

4. ELECTRICAL PARTS LIST

Note: Mark of Ⓐ to Ⓩ : for Europe.

Ref. No.	*Part No.*	*Description*
PTh1, 2	1-800-370-00 Ⓔ	Thermistor (positive)
R1, 2	1-206-521-11 Ⓑ	Resistor, 27Ω 3w; metal-oxide
S	1-516-859-00 Ⓒ	Switch, lever slide, HEADPHONES, SPEAKER
T1, 2	1-423-216-00 Ⓙ	Transformer
	1-506-350-00 Ⓓ	Cord, w/4P plug
	1-509-357-00 Ⓑ	Connector, 4P socket
	1-536-108-00 Ⓑ	Terminal Strip
	1-536-392-XX Ⓑ	Terminal Strip, L

ACCESSORY

Part No.	*Description*
3-780-843-11 Ⓑ	Manual, instruction

9-958-300-01

Sony Corporation

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